



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
PATENT TRANSMITTAL FORM

PATENT AND TRADEMARK OFFICE

Serial No.: SALOMA et al.

Serial No.: 10/529,043

Filed: March 24, 2005

For: TWO COLOR (TWO PHOTON) EXCITATION WITH FOCUSED EXCITATION BEAMS AND RAMAN SHIFTER

Art Unit: Not Yet Assigned

Examiner: Not Yet Assigned

Confirmation No.: 6211

Customer No.: 27623 Attorney Docket No.: 0002200USU/2280

Mail Stop Petition  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

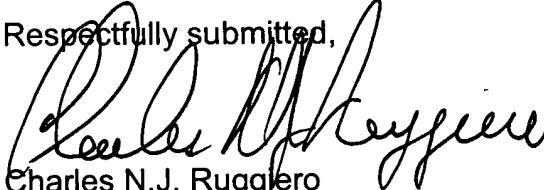
Dear Sir:

We are enclosing:

1. Petition to Withdraw Holding of Abandonment;
2. Transmittal letter in duplicate; and
3. Postcard.

Please charge any additional fees or credit any such fees, if necessary to Deposit Account No. 01-0467 in the name of Ohlandt, Greeley, Ruggiero & Perle. A duplicate copy of this sheet is attached.

Respectfully submitted,



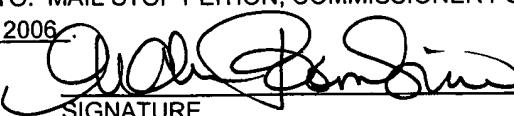
Charles N.J. Ruggiero  
Reg. No. 28,468

Ohlandt, Greeley, Ruggiero & Perle, L.L.P.  
One Landmark Square, 10<sup>th</sup> Floor  
Stamford, Connecticut 06901-2682  
(203) 327-4500

CERTIFICATE OF MAILING

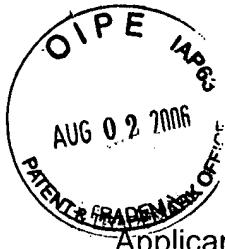
I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING DEPOSITED WITH THE U.S. POSTAL SERVICE AS FIRST CLASS MAIL IN AN ENVELOPE ADDRESSED TO: MAIL STOP PEITION, COMMISSIONER FOR PATENTS, P.O. BOX 1450, ALEXANDRIA, VA 22313-1450, , ON July 31, 2006.

Michelle M Bombino  
NAME



SIGNATURE

7/31/06  
DATE



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s): Saloma et al.

Serial No.: 10/529,043

For: TWO COLOR (TWO PHOTON) EXCITATION WITH  
FOCUSED EXCITATION BEAMS AND RAMAN SHIFTER

Filed: March 24, 2005

Examiner: Not yet assigned

Art Unit: Not yet assigned

Confirmation No.: 6211

Customer No.: 27,623

Attorney Docket No.: 0002200USU/2280

**Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450**

**PETITION TO WITHDRAW HOLDING OF ABANDONMENT**  
**UNDER 37 C.F.R. § 1.181(a)**

Dear Sirs:

In response to the Notice of Abandonment dated July 21, 2006, Applicants submit this Petition to Withdraw Holding of Abandonment under 37 C.F.R. §1.181(a). Consideration hereof and withdraw of the holding of abandonment are respectfully requested.

This Petition is timely filed within two months of the date of the Notice of Abandonment in accordance with 37 C.F.R. §1.181(f). Pursuant to MPEP §711.03(c), no fee is required for the present Petition.

The Notice of Abandonment indicated that the Applicant failed to respond to the notification of Missing Requirements dated July 25, 2005.

Applicant submits that the response to the Notice of Missing Requirements was properly filed on September 13, 2005, and thus the holding of abandonment is improper and should not be maintained.

As evidence of the prior submission, Applicant provides herewith a copy of the postcard as returned and stamped by the U.S. Patent and Trademark Office on September 15, 2005. "A postcard receipt that itemizes and properly identifies the items which are being filed serves as *prima facie* evidence of receipt in the USPTO of all the items listed thereon on the date stamped thereon by the USPTO". See MPEP 503.

Moreover, Applicant respectfully submits that no part of the present application was actually missing, such that the Notice of Missing Requirements was also issued in error.

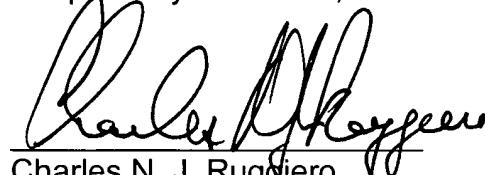
The Notice of Missing Requirements required that an oath or declaration of the inventors be filed. However, the required documents were submitted under PCT Rule 4.17(iv). The cover page of PCT Application No. PCT/PH2002/000018, from which the present application entered the National Stage, is provided herewith. As seen from this cover sheet, acknowledgement of receipt of the Declarations under PCT Rule 4.17 was previously acknowledged. Therefore, the Notice of Missing Requirements was issued in error such that no parts of the present application were actually missing.

In the interest of completeness, a copy of the previously submitted PCT Request, including the Declarations, is provided herewith.

In view of the above, Applicant hereby petitions under 37 C.F.R. §1.181(a) for withdrawal of the Office's holding of abandonment set forth in the Notice of Abandonment dated July 21, 2006.

If for any reason the Examiner feels that consultation with Applicants' attorney would be helpful in the advancement of the prosecution, the Examiner is invited to call the telephone number below.

Respectfully submitted,



Charles N. J. Ruggiero

Reg. No. 28,468

Attorney for Applicant(s)

Ohlandt, Greeley, Ruggiero & Perle, L.L.P.

One Landmark Square, 10<sup>th</sup> floor

Stamford, CT 06901-2682

Tel: (203) 327-4500

Fax: (203) 327-6401

July 31, 2006

Application S.N./: 10/529,043

Filed: March 24, 2005

Attorney Docket No.: 000a200US1/2280

## RECEIPT OF TRANSMITTED DOCUMENTS

**U.S.P.T.O. MAIL ROOM:** Please place the Mail Room Date Stamp on this card to indicate receipt by the U.S. PTO of the paper(s) identified below and return card to sender.

JC06 Rec'd PCT/PTO 15 SEP 2005  
TYPE OF PAPER:

**TYPE OF PAPER:**

|                       |                     |                           |                                   |
|-----------------------|---------------------|---------------------------|-----------------------------------|
| Amendment             | Brief               | Formal Drawings           | Notice of Appeal                  |
| Issue/Pub. Fee        | Priority Document   | Request for Recon.        | References                        |
| Certified Copy        | Terminal Disclaimer | Certificate of Correction | Req. for Ext. of Time             |
| Preliminary Amendment | Declaration         | 132 Declaration           | Transmittal Letter (in duplicate) |

Petition **Missing Parts** Assignment w/rec. Cover Sheet

Rule 53(d) Cont. (CPA) Maintenance Fee Appeal Board's Decision  
~~X~~ Other: Response + copies of U.S. National Stage  
Exam. + Int'l. Application + Prior Art Record

A check in the amount of \$ \_\_\_\_\_ (# \_\_\_\_\_) is also attached hereto.

Mailed, September 13, 2005 COM  COEM # \_\_\_\_\_

220-221

OHLAND, GHEELEY,  
RUGGIERO & PERLE, LLP

SEP 26 1985

RECEIVED

Qhlandt, Greeley, Ruggiero & Perle, L.L.P.  
One Landmark Square, 10th Floor  
Stamford, Connecticut 06901-2682

WIC

0002200051

## (12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date  
8 April 2004 (08.04.2004)

PCT

(10) International Publication Number  
WO 2004/029690 A1

(51) International Patent Classification<sup>7</sup>: G02B 21/00, G01N 33/487

(81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW.

(21) International Application Number: PCT/PH2002/000018

(22) International Filing Date: 27 September 2002 (27.09.2002)

(25) Filing Language: English

(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

(26) Publication Language: English

## Declarations under Rule 4.17:

- of inventorship (Rule 4.17(iv)) for US only
- of inventorship (Rule 4.17(iv)) for US only

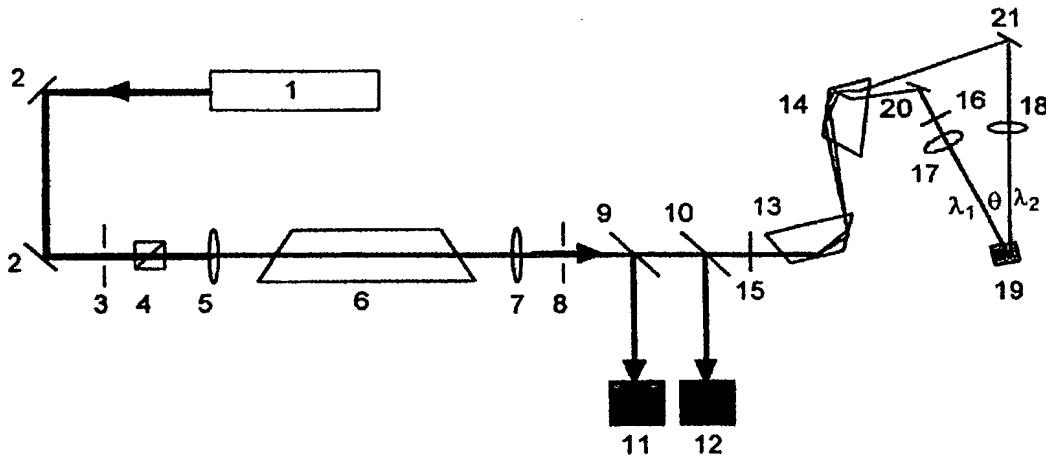
## Published:

- with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(74) Agent: VILLARAZA & ANGANGCO LAW OFFICES AND ITS ATTORNEYS; 5th Floor, LTA Building, 118 Perea Street, Legaspi Village, 1229 Makati City (PH).

(54) Title: TWO-COLOR (TWO-PHOTON) EXCITATION WITH FOCUSED EXCITATION BEAMS AND A RAMAN SHIFTER



(57) Abstract: Two-color (two-photon) excitation with two confocal excitation beams is demonstrated with a Raman shifter as excitation light source. Two-color excitation fluorescence is obtained from Coumarin 6H dye sample (peak absorption = 394 nm, peak fluorescence = 490 nm) that is excited using the first two Stokes outputs (683 nm, 954 nm, two-color excitation = 398 nm) of a Raman shifter pumped by a 6.5 nsec pulsed 532 nm-Nd:YAG laser (Repetition rate = 10 Hz). The two Stokes pulses overlap for a few nanoseconds and two-color fluorescence is generated with focusing objectives of low numerical apertures ( $NA \leq 0.4$ ). We observed the linear dependence of the two-color fluorescence signal with the product of the average intensities of the two Stokes excitation beams. The two-color fluorescence distribution is strongly localized around the common focus of the confocal excitation beams.

WO 2004/029690 A1

# PCT

## REQUEST

The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty.

|   |  |
|---|--|
| For receiving Office use only   |  |
| PCT / PH 02 / 00018   |  |
| International Application No.   |  |
| International Filing Date 02 SEP 27 P5:16                                     |  |
| Name of receiving Office and "PCT International Application"                  |  |
| Applicant's or agent's file reference<br>(if desired) (12 characters maximum) |  |

**Box No. I TITLE OF INVENTION**  
TWO-COLOR (TWO-PHOTON) EXCITATION WITH FOCUSED EXCITATION BEAMS AND A RAMAN SHIFTER

|   |  |
|---|--|
| <b>Box No. II APPLICANT</b>   | <input checked="" type="checkbox"/> This person is also inventor |
| Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.) |  |
| SALOMA, Caesar A.<br>National Institute of Physics, College of Science<br>University of the Philippines<br>Diliman, Quezon City 1101<br>PHILIPPINES   |  |
| Telephone No.   |  |
| Facsimile No.   |  |
| Teleprinter No.   |  |
| Applicant's registration No. with the Office  |  |

|   |   |
|---|---|
| State (that is, country) of nationality: PH   | State (that is, country) of residence: PH |
| This person is applicant for the purposes of: <input checked="" type="checkbox"/> all designated States <input type="checkbox"/> all designated States except the United States of America <input type="checkbox"/> the United States of America only <input type="checkbox"/> the States indicated in the Supplemental Box |   |

|  |   |
|--|---|
| <b>Box No. III FURTHER APPLICANT(S) AND/OR (FURTHER) INVENTOR(S)</b>   | This person is:<br><input type="checkbox"/> applicant only<br><input checked="" type="checkbox"/> applicant and inventor<br><input type="checkbox"/> inventor only (If this check-box is marked, do not fill in below.) |
| Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)<br>PALERO, Jonathan A.<br>National Institute of Physics, College of Science<br>University of the Philippines<br>Diliman, Quezon City 1101<br>PHILIPPINES | Applicant's registration No. with the Office  |

|   |   |
|---|---|
| State (that is, country) of nationality: PH   | State (that is, country) of residence: PH |
| This person is applicant for the purposes of: <input checked="" type="checkbox"/> all designated States <input type="checkbox"/> all designated States except the United States of America <input type="checkbox"/> the United States of America only <input type="checkbox"/> the States indicated in the Supplemental Box |   |

Further applicants and/or (further) inventors are indicated on a continuation sheet.

|  |  |
|--|--|
| <b>Box No. IV AGENT OR COMMON REPRESENTATIVE; OR ADDRESS FOR CORRESPONDENCE</b>  | <input checked="" type="checkbox"/> agent <input type="checkbox"/> common representative |
| The person identified below is hereby/has been appointed to act on behalf of the applicant(s) before the competent International Authorities as:   |  |
| Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)<br>VILLARAZA & ANGANGCO Law Offices<br>And its attorneys<br>5th Floor, LTA Building, 118 Perea Street<br>Legaspi Village, 1229 Makati City<br>PHILIPPINES |  |
| Telephone No.<br>(632) 818-9836  |  |
| Facsimile No.<br>(632) 840-0863  |  |
| Teleprinter No.  |  |
| Agent's registration No. with the Office   |  |

Address for correspondence: Mark this check-box where no agent or common representative is/has been appointed and the space above is used instead to indicate a special address to which correspondence should be sent.

## Continuation of Box No. III FURTHER APPLICANT(S) AND/OR (FURTHER) INVENTOR(S)

If none of the following sub-boxes is used, this sheet should not be included in the request.

Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)

GARCIA, Wilson O.  
National Institute of Physics, College of Science  
University of the Philippines  
Diliman, Quezon City 1101  
PHILIPPINES

This person is:

applicant only  
 applicant and inventor  
 inventor only (If this check-box is marked, do not fill in below.)

Applicant's registration No. with the Office

State (that is, country) of nationality:

PH

State (that is, country) of residence:

PH

This person is applicant for the purposes of:  all designated States  all designated States except the United States of America  the United States of America only  the States indicated in the Supplemental Box

Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)

This person is:

applicant only  
 applicant and inventor  
 inventor only (If this check-box is marked, do not fill in below.)

Applicant's registration No. with the Office

State (that is, country) of nationality:

State (that is, country) of residence:

This person is applicant for the purposes of:  all designated States  all designated States except the United States of America  the United States of America only  the States indicated in the Supplemental Box

Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)

This person is:

applicant only  
 applicant and inventor  
 inventor only (If this check-box is marked, do not fill in below.)

Applicant's registration No. with the Office

State (that is, country) of nationality:

State (that is, country) of residence:

This person is applicant for the purposes of:  all designated States  all designated States except the United States of America  the United States of America only  the States indicated in the Supplemental Box

Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)

This person is:

applicant only  
 applicant and inventor  
 inventor only (If this check-box is marked, do not fill in below.)

Applicant's registration No. with the Office

State (that is, country) of nationality:

State (that is, country) of residence:

This person is applicant for the purposes of:  all designated States  all designated States except the United States of America  the United States of America only  the States indicated in the Supplemental Box

Further applicants and/or (further) inventors are indicated on another continuation sheet.

## Box No. V DESIGNATION OF STATES

Mark the applicable check-boxes below; at least one must be marked.

The following designations are hereby made under Rule 4.9(a):

## Regional Patent

AP ARIPO Patent: GH Ghana, GM Gambia, KE Kenya, LS Lesotho, MW Malawi, MZ Mozambique, SD Sudan, SL Sierra Leone, SZ Swaziland, TZ United Republic of Tanzania, UG Uganda, ZM Zambia, ZW Zimbabwe, and any other State which is a Contracting State of the Harare Protocol and of the PCT (*if other kind of protection or treatment desired, specify on dotted line*) .....

EA Eurasian Patent: AM Armenia, AZ Azerbaijan, BY Belarus, KG Kyrgyzstan, KZ Kazakhstan, MD Republic of Moldova, RU Russian Federation, TJ Tajikistan, TM Turkmenistan, and any other State which is a Contracting State of the Eurasian Patent Convention and of the PCT .....

EP European Patent: AT Austria, BE Belgium, BG Bulgaria, CH & LI Switzerland and Liechtenstein, CY Cyprus, CZ Czech Republic, DE Germany, DK Denmark, EE Estonia, ES Spain, FI Finland, FR France, GB United Kingdom, GR Greece, IE Ireland, IT Italy, LU Luxembourg, MC Monaco, NL Netherlands, PT Portugal, SE Sweden, SK Slovakia, TR Turkey, and any other State which is a Contracting State of the European Patent Convention and of the PCT .....

OA OAPI Patent: BF Burkina Faso, BJ Benin, CF Central African Republic, CG Congo, CI Côte d'Ivoire, CM Cameroon, GA Gabon, GN Guinea, GQ Equatorial Guinea, GW Guinea-Bissau, ML Mali, MR Mauritania, NE Niger, SN Senegal, TD Chad, TG Togo, and any other State which is a member State of OAPI and a Contracting State of the PCT (*if other kind of protection or treatment desired, specify on dotted line*) .....

National Patent (*if other kind of protection or treatment desired, specify on dotted line*):

|   |  |  |
|---|--|--|
| <input checked="" type="checkbox"/> AE United Arab Emirates .....               | <input checked="" type="checkbox"/> GM Gambia .....                                    | <input checked="" type="checkbox"/> NZ New Zealand .....                 |
| <input checked="" type="checkbox"/> AG Antigua and Barbuda .....                | <input checked="" type="checkbox"/> HR Croatia .....                                   | <input checked="" type="checkbox"/> OM Oman .....                        |
| <input checked="" type="checkbox"/> AL Albania .....                            | <input checked="" type="checkbox"/> HU Hungary .....                                   | <input checked="" type="checkbox"/> PH Philippines .....                 |
| <input checked="" type="checkbox"/> AM Armenia .....                            | <input checked="" type="checkbox"/> ID Indonesia .....                                 | <input checked="" type="checkbox"/> PL Poland .....                      |
| <input checked="" type="checkbox"/> AT Austria .....                            | <input checked="" type="checkbox"/> IL Israel .....                                    | <input checked="" type="checkbox"/> PT Portugal .....                    |
| <input checked="" type="checkbox"/> AU Australia .....                          | <input checked="" type="checkbox"/> IN India .....                                     | <input checked="" type="checkbox"/> RO Romania .....                     |
| <input checked="" type="checkbox"/> AZ Azerbaijan .....                         | <input checked="" type="checkbox"/> IS Iceland .....                                   | <input checked="" type="checkbox"/> RU Russian Federation .....          |
| <input checked="" type="checkbox"/> BA Bosnia and Herzegovina .....             | <input checked="" type="checkbox"/> JP Japan .....                                     |  |
| <input checked="" type="checkbox"/> BB Barbados .....                           | <input checked="" type="checkbox"/> KE Kenya .....                                     | <input checked="" type="checkbox"/> SD Sudan .....                       |
| <input checked="" type="checkbox"/> BG Bulgaria .....                           | <input checked="" type="checkbox"/> KC Kyrgyzstan .....                                | <input checked="" type="checkbox"/> SE Sweden .....                      |
| <input checked="" type="checkbox"/> BR Brazil .....                             | <input checked="" type="checkbox"/> KP Democratic People's Republic of Korea .....     | <input checked="" type="checkbox"/> SG Singapore .....                   |
| <input checked="" type="checkbox"/> BY Belarus .....                            | <input checked="" type="checkbox"/> KR Republic of Korea .....                         | <input checked="" type="checkbox"/> SI Slovenia .....                    |
| <input checked="" type="checkbox"/> BZ Belize .....                             | <input checked="" type="checkbox"/> KZ Kazakhstan .....                                | <input checked="" type="checkbox"/> SK Slovakia .....                    |
| <input checked="" type="checkbox"/> CA Canada .....                             | <input checked="" type="checkbox"/> LC Saint Lucia .....                               | <input checked="" type="checkbox"/> SL Sierra Leone .....                |
| <input checked="" type="checkbox"/> CH & LI Switzerland and Liechtenstein ..... | <input checked="" type="checkbox"/> LK Sri Lanka .....                                 | <input checked="" type="checkbox"/> TJ Tajikistan .....                  |
| <input checked="" type="checkbox"/> CN China .....                              | <input checked="" type="checkbox"/> LR Liberia .....                                   | <input checked="" type="checkbox"/> TM Turkmenistan .....                |
| <input checked="" type="checkbox"/> CO Colombia .....                           | <input checked="" type="checkbox"/> LS Lesotho .....                                   | <input checked="" type="checkbox"/> TN Tunisia .....                     |
| <input checked="" type="checkbox"/> CR Costa Rica .....                         | <input checked="" type="checkbox"/> LT Lithuania .....                                 | <input checked="" type="checkbox"/> TR Turkey .....                      |
| <input checked="" type="checkbox"/> CU Cuba .....                               | <input checked="" type="checkbox"/> LU Luxembourg .....                                | <input checked="" type="checkbox"/> TT Trinidad and Tobago .....         |
| <input checked="" type="checkbox"/> CZ Czech Republic .....                     | <input checked="" type="checkbox"/> LV Latvia .....                                    | <input checked="" type="checkbox"/> TZ United Republic of Tanzania ..... |
| <input checked="" type="checkbox"/> DE Germany .....                            | <input checked="" type="checkbox"/> MA Morocco .....                                   | <input checked="" type="checkbox"/> UA Ukraine .....                     |
| <input checked="" type="checkbox"/> DK Denmark .....                            | <input checked="" type="checkbox"/> MD Republic of Moldova .....                       | <input checked="" type="checkbox"/> UG Uganda .....                      |
| <input checked="" type="checkbox"/> DM Dominica .....                           | <input checked="" type="checkbox"/> MG Madagascar .....                                | <input checked="" type="checkbox"/> US United States of America .....    |
| <input checked="" type="checkbox"/> DZ Algeria .....                            | <input checked="" type="checkbox"/> MK The former Yugoslav Republic of Macedonia ..... | <input checked="" type="checkbox"/> UZ Uzbekistan .....                  |
| <input checked="" type="checkbox"/> EC Ecuador .....                            | <input checked="" type="checkbox"/> MN Mongolia .....                                  | <input checked="" type="checkbox"/> VN Viet Nam .....                    |
| <input checked="" type="checkbox"/> EE Estonia .....                            | <input checked="" type="checkbox"/> MW Malawi .....                                    | <input checked="" type="checkbox"/> YU Yugoslavia .....                  |
| <input checked="" type="checkbox"/> ES Spain .....                              | <input checked="" type="checkbox"/> MX Mexico .....                                    | <input checked="" type="checkbox"/> ZA South Africa .....                |
| <input checked="" type="checkbox"/> FI Finland .....                            | <input checked="" type="checkbox"/> MZ Mozambique .....                                | <input checked="" type="checkbox"/> ZM Zambia .....                      |
| <input checked="" type="checkbox"/> GB United Kingdom .....                     | <input checked="" type="checkbox"/> NO Norway .....                                    | <input checked="" type="checkbox"/> ZW Zimbabwe .....                    |
| <input checked="" type="checkbox"/> GD Grenada .....                            |  |  |
| <input checked="" type="checkbox"/> GE Georgia .....                            |  |  |
| <input checked="" type="checkbox"/> GH Ghana .....                              |  |  |

Check-boxes below reserved for designating States which have become party to the PCT after issuance of this sheet:

.....

.....

.....

**Precautionary Designation Statement:** In addition to the designations made above, the applicant also makes under Rule 4.9(b) all other designations which would be permitted under the PCT except any designation(s) indicated in the Supplemental Box as being excluded from the scope of this statement. The applicant declares that those additional designations are subject to confirmation and that any designation which is not confirmed before the expiration of 15 months from the priority date is to be regarded as withdrawn by the applicant at the expiration of that time limit. (*Confirmation (including fees) must reach the receiving Office within the 15-month time limit.*)

## Box No. VI PRIORITY CLAIM

The priority of the following earlier application(s) is hereby claimed:

| Filing date<br>of earlier application<br>(day/month/year) | Number<br>of earlier application | Where earlier application is:                        |  |  |
|---|----------------------------------|--|--|--|
|   |                                  | national application:<br>country or Member<br>of WTO | regional application:<br>regional Office | international application:<br>receiving Office |
| item (1)  |                                  |  |  |  |
| item (2)  |                                  |  |  |  |
| item (3)  |                                  |  |  |  |
| item (4)  |                                  |  |  |  |
| item (5)  |                                  |  |  |  |

 Further priority claims are indicated in the Supplemental Box.

The receiving Office is requested to prepare and transmit to the International Bureau a certified copy of the earlier application(s) (*only if the earlier application was filed with the Office which for the purposes of this international application is the receiving Office*) identified above as:

all items    item (1)    item (2)    item (3)    item (4)    item (5)    other, see  
Supplemental Box

\* Where the earlier application is an ARIPO application, indicate at least one country party to the Paris Convention for the Protection of Industrial Property or one Member of the World Trade Organization for which that earlier application was filed (Rule 4.10(b)(ii)):

## Box No. VII INTERNATIONAL SEARCHING AUTHORITY

Choice of International Searching Authority (ISA) (if two or more International Searching Authorities are competent to carry out the international search, indicate the Authority chosen; the two-letter code may be used):

ISA / EPO

Request to use results of earlier search; reference to that search (if an earlier search has been carried out by or requested from the International Searching Authority):

Date (day/month/year)

Number

Country (or regional Office)

## Box No. VIII DECLARATIONS

The following declarations are contained in Boxes Nos. VIII (i) to (v) (mark the applicable check-boxes below and indicate in the right column the number of each type of declaration):

Number of  
declarations

|   |  |   |
|---|--|---|
| <input type="checkbox"/> Box No. VIII (i)             | Declaration as to the identity of the inventor   | : |
| <input type="checkbox"/> Box No. VIII (ii)            | Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent             | : |
| <input type="checkbox"/> Box No. VIII (iii)           | Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application | : |
| <input checked="" type="checkbox"/> Box No. VIII (iv) | Declaration of inventorship (only for the purposes of the designation of the United States of America)                               | 2 |
| <input type="checkbox"/> Box No. VIII (v)             | Declaration as to non-prejudicial disclosures or exceptions to lack of novelty   | : |

**Box No. VIII (iv) DECLARATION: INVENTORSHIP** (only for the purposes of the designation of the United States of America)  
*The declaration must conform to the following standardized wording provided for in Section 214; see Notes to Boxes Nos. VIII, VIII (i) to (v) (in general) and the specific Notes to Box No. VIII (iv). If this Box is not used, this sheet should not be included in the request.*

**Declaration of inventorship (Rules 4.17(iv) and 51bis.1(a)(iv))  
 for the purposes of the designation of the United States of America:**

I hereby declare that I believe I am the original, first and sole (if only one inventor is listed below) or joint (if more than one inventor is listed below) inventor of the subject matter which is claimed and for which a patent is sought.

This declaration is directed to the international application of which it forms a part (if filing declaration with application).

This declaration is directed to international application No. PCT/..... (if furnishing declaration pursuant to Rule 26ter).

I hereby declare that my residence, mailing address, and citizenship are as stated next to my name.

I hereby state that I have reviewed and understand the contents of the above-identified international application, including the claims of said application. I have identified in the request of said application, in compliance with PCT Rule 4.10, any claim to foreign priority, and I have identified below, under the heading "Prior Applications," by application number, country or Member of the World Trade Organization, day, month and year of filing, any application for a patent or inventor's certificate filed in a country other than the United States of America, including any PCT international application designating at least one country other than the United States of America, having a filing date before that of the application on which foreign priority is claimed.

Prior Applications: .....

I hereby acknowledge the duty to disclose information that is known by me to be material to patentability as defined by 37 C.F.R. § 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the PCT international filing date of the continuation-in-part application.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name: ..... **Caesar A. Saloma** .....

Residence: ..... **Pasig City, Philippines** .....

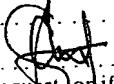
(city and either US state, if applicable, or country)

Mailing Address: ..... **National Institute of Physics, College of Science** .....

..... **University of the Philippines, Diliman, Q.C. 1101, Phils.** .....

..... **Filipino** .....

Citizenship: .....

Inventor's Signature: .....   
 (if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)

Date: ..... **01.27.02** .....

(of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)

Name: ..... **Wilson O. Garcia** .....

Residence: ..... **Manila, Philippines** .....

(city and either US state, if applicable, or country)

Mailing Address: ..... **National Institute of Physics, College of Science** .....

..... **University of the Philippines, Diliman, Q.C. 1101, Phils.** .....

..... **Filipino** .....

Citizenship: .....

Inventor's Signature: .....   
 (if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)

Date: ..... **23. Sept. 02** .....

(of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)

**Box No. VIII (iv) DECLARATION: INVENTORSHIP** (only for the purposes of the designation of the United States of America)  
 The declaration must conform to the following standardized wording provided for in Section 214; see Notes to Boxes Nos. VIII, VIII (i) to (v) (in general) and the specific Notes to Box No. VIII (iv). If this Box is not used, this sheet should not be included in the request.

Declaration of inventorship (Rules 4.17(iv) and 51bis.1(a)(iv))  
 for the purposes of the designation of the United States of America:

I hereby declare that I believe I am the original, first and sole (if only one inventor is listed below) or joint (if more than one inventor is listed below) inventor of the subject matter which is claimed and for which a patent is sought.

This declaration is directed to the international application of which it forms a part (if filing declaration with application).  
 This declaration is directed to international application No. PCT/..... (if furnishing declaration pursuant to Rule 26ter).

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Prior Applications: .....

I hereby acknowledge the duty to disclose information that is known by me to be material to patentability as defined by 37 C.F.R. § 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the PCT international filing date of the continuation-in-part application.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name: Jonathan A. Palero .....

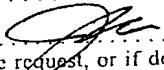
Residence: Quezon City, Philippines .....

(city and either US state, if applicable, or country)

Mailing Address: National Institute of Physics, College of Science .....

University of the Philippines, Diliman, Q.C. 1101, Phils.  
Filipino .....

Citizenship: .....

Inventor's Signature:  .....

(if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)

Date: 9-23-2002 .....

(of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)

Name: .....

Residence: .....

(city and either US state, if applicable, or country)

Mailing Address: .....

Citizenship: .....

Inventor's Signature: .....

(if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)

Date: .....

(of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)



This declaration is continued on the following sheet, "Continuation of Box No. VIII (iv)".

**Box No. IX      CHECK LIST; LANGUAGE OF FILING**

|   |  |  |  |                 |
|---|--|--|--|-----------------|
| This international application contains:  |  | This international application is accompanied by the following item(s) (mark the applicable check-boxes below and indicate in right column the number of each item):   |  | Number of items |
| (a) the following number of sheets in paper form:<br>request (including declaration sheets) : 7<br>description (excluding sequence listing part) : 11<br>claims : 4<br>abstract : 1<br>drawings : 3<br><br><b>Sub-total number of sheets</b> : 26 |  | 1. <input type="checkbox"/> fee calculation sheet<br>2. <input checked="" type="checkbox"/> original separate power of attorney<br>3. <input type="checkbox"/> original general power of attorney<br>4. <input type="checkbox"/> copy of general power of attorney; reference number, if any: .....<br>5. <input type="checkbox"/> statement explaining lack of signature<br>6. <input type="checkbox"/> priority document(s) identified in Box No. VI as item(s): .....<br>7. <input type="checkbox"/> translation of international application into (language): .....<br>8. <input type="checkbox"/> separate indications concerning deposited microorganism or other biological material<br>9. <input type="checkbox"/> sequence listing in computer readable form (indicate also type and number of carriers (diskette, CD-ROM, CD-R or other))<br>(i) <input type="checkbox"/> copy submitted for the purposes of international search under Rule 13ter only (and not as part of the international application)<br>(ii) <input type="checkbox"/> (only where check-box (b)(i) or (b)(ii) is marked in left column) additional copies including, where applicable, the copy for the purposes of international search under Rule 13ter<br>(iii) <input type="checkbox"/> together with relevant statement as to the identity of the copy or copies with the sequence listing part mentioned in left column<br>10. <input type="checkbox"/> other (specify): ..... |  |                 |
| (b) sequence listing part of description filed in computer readable form<br>(i) <input type="checkbox"/> only (under Section 801(a)(i))<br>(ii) <input type="checkbox"/> in addition to being filed in paper form (under Section 801(a)(ii))      |  |  |  |                 |
| Type and number of carriers (diskette, CD-ROM, CD-R or other) on which the sequence listing part is contained (additional copies to be indicated under item 9(ii), in right column):<br>.....   |  |  |  |                 |
| Figure of the drawings which should accompany the abstract:   |  | Language of filing of the international application: ENGLISH   |  |                 |

**SIGNATURE OF APPLICANT, AGENT OR COMMON REPRESENTATIVE**

*Next to each signature, indicate the name of the person signing and the capacity in which the person signs (if such capacity is not obvious from reading the request).*

*advised by me*  
EDMUND JASON G. BARANDA  
Junior Associate  
VILLARAZA & ANGANGCO Law Offices  
Philippine Patent/Attorney of the Applicant

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|---|---|
| 1. Date of actual receipt of the purported international application:   | <b>SEP 27 2002</b>  |
| 3. Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application: |   |
| 4. Date of timely receipt of the required corrections under PCT Article 11(2):  |   |
| 5. International Searching Authority (if two or more are competent): <b>ISA /</b>   | 6. <input type="checkbox"/> Transmittal of search copy delayed until search fee is paid |
| 2. Drawings:<br><input type="checkbox"/> received:<br><input type="checkbox"/> not received:  |   |

For International Bureau use only

## PCT

02 SEP 27 1992

## POWER OF ATTORNEY

(for an international application filed under the Patent Cooperation Treaty)  
(PCT Rule 90.4)

RECEIVED BY

The undersigned applicant (s) (Names should be indicated as they appear in the request):

CAESAR A. SALOMA, JONATHAN A. PALERO and WILSON O. GARCIA

hereby appoints (appoint) the following person as:  agent  common representative

## Name and address

(Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)

## VILLARAZA &amp; ANGANGCO

and any of its attorneys  
5<sup>th</sup> Floor, LTA Building, 118 Perea Street  
Legaspi Village, Makati City 1229  
PHILIPPINES

to represent the undersigned before

all the competent International Authorities  
 the International Searching Authority only  
 the International Preliminary Examining Authority only

in connection with the international application identified below:

Title of the invention: TWO-COLOR (TWO-PHOTON) EXCITATION WITH  
FOCUSED EXCITATION BEAMS AND A RAMAN SHIFTER

## Applicant's or agent's file reference:

## International application number (if already available):

filed with the following Office: PHILIPPINE INTELLECTUAL PROPERTY OFFICE as receiving Office  
and to make or receive payments on behalf of the undersigned.

Signature of the applicant(s) (where there are several applicants, each of them must sign; next to each signature, indicate the name of the person signing and the capacity in which the person signs, if such capacity is not obvious from reading the request or this power):

  
 Caesar A. Saloma

  
 Wilson O. Garcia

  
 Jonathan A. Palero

Date: 23 September 2002